MERIDIAN

Using QNAP NAS with Meridian

User Guide

QNAP

Meridian streaming systems can now take advantage of the flexibility and reliability of a range of QNAP network-attached storage (NAS) systems.

QNAP storage systems that use x86 CPUs are compatible with Meridian systems, with the addition of QPKG software for QNAP systems provided by Meridian.

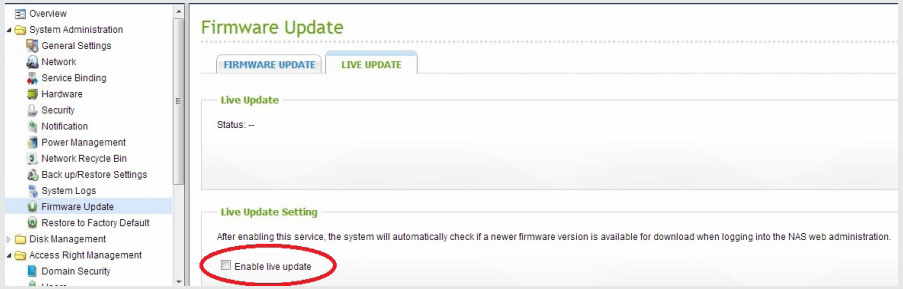
In addition, your Meridian streaming system needs to be running software v2.359 or higher.

You will need the following:

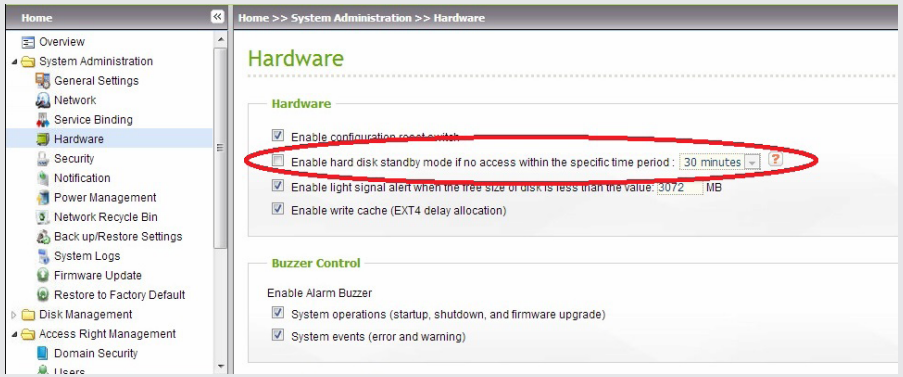
- Back up your existing collection to a separate storage device
- QNAP Storage Device (Models using x86 compatible CPUs)
- Meridian software level 2.359 (or higher)
- QPKG software provided by Meridian for installation on to QNAP. This should be unzipped and saved to a known location on your system.

Procedure

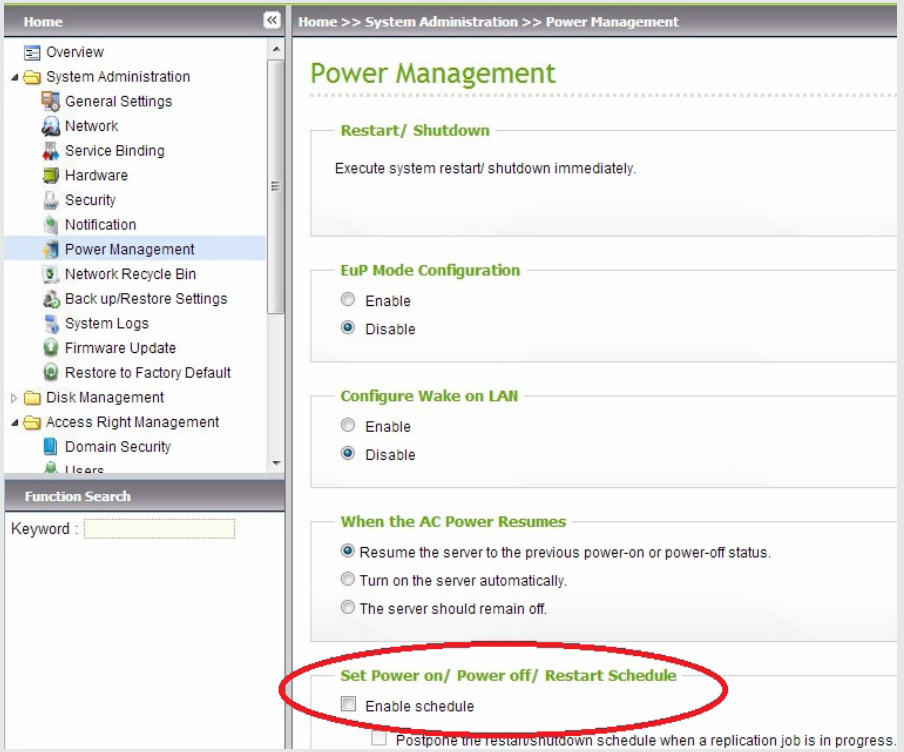
- IMPORTANT: Do not update QNAP when you first install it.
- Login to the QNAP System Administration page and disable QNAP automatic software updates, automatic reboots and Hard Drive Sleep modes to prevent unexpected changes to the QNAP system that could potentially cause disruptions in music playback and stability, as shown below:
- In **Firmware Update**, disable **Live Update**.



- Under the **Hardware** tab, disable **Standby Mode**.

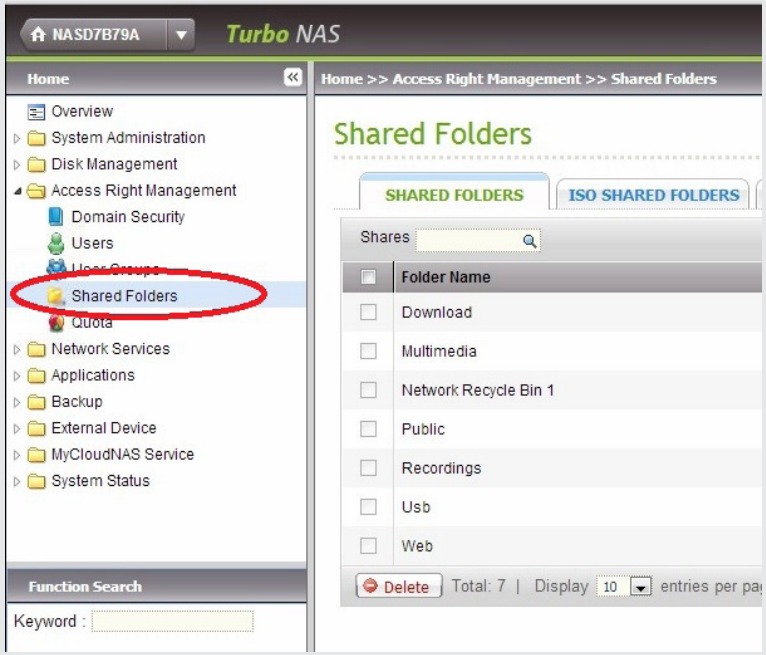


- Do not set the QNAP system to power down when not in use (eg at night):

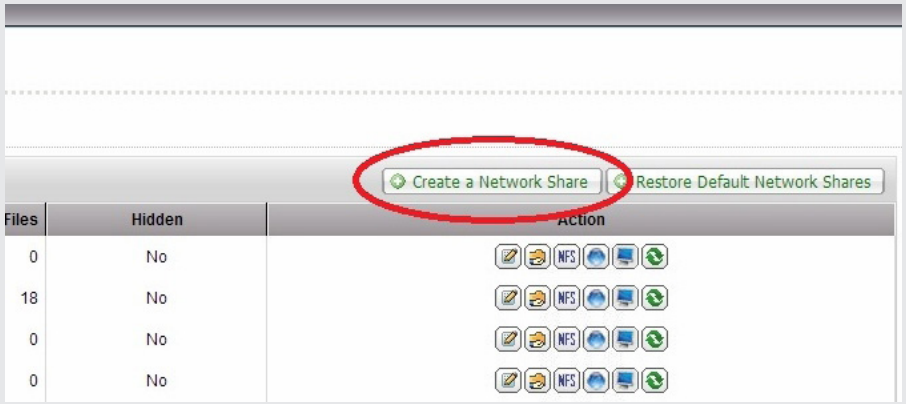


- Format QNAP as desired (RAID 1 for dual-drive units, RAID 5 or RAID 6 for units with multiple drives)

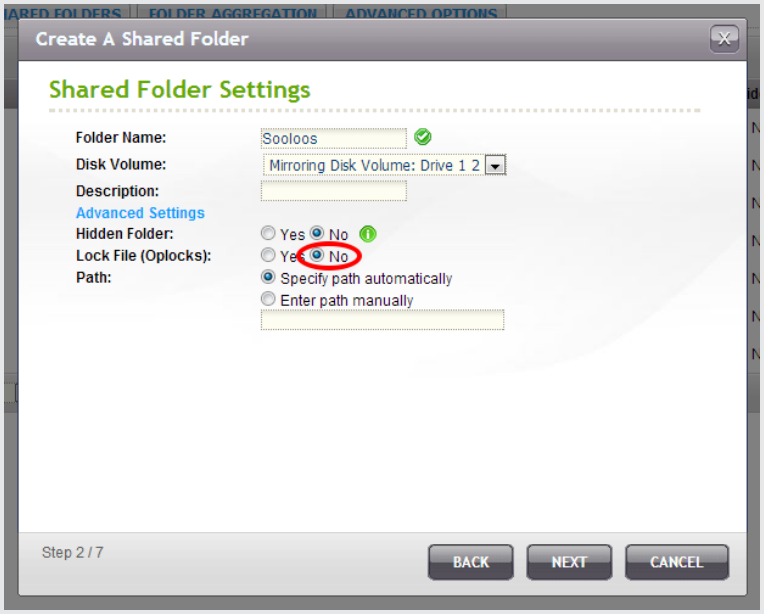
- From the QNAP administration page, navigate to **Access Rights Management >> Shared Folders**



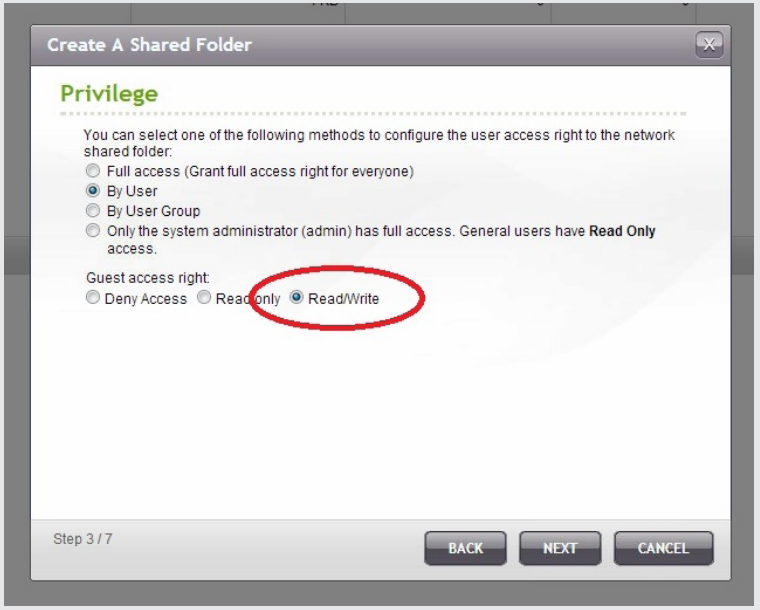
- Create a Network Share called "**Sooloos**" (case sensitive)

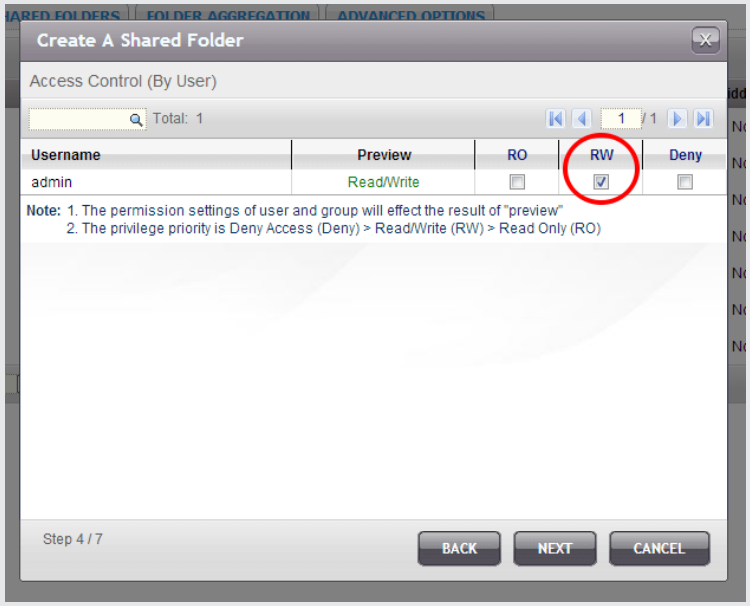


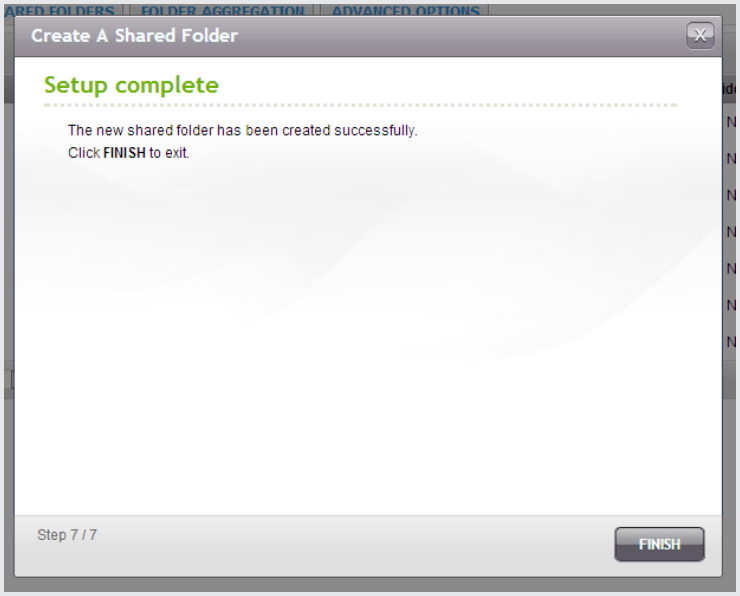
This will open a multi-page wizard. Set up the Network Share as shown in the following illustrations:

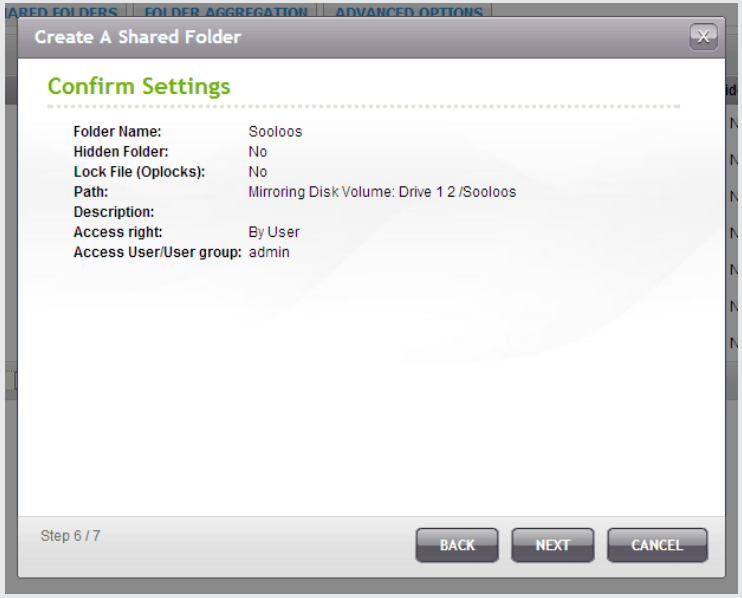


- Set up **Guest Read / Write access** for the Sooloos folder

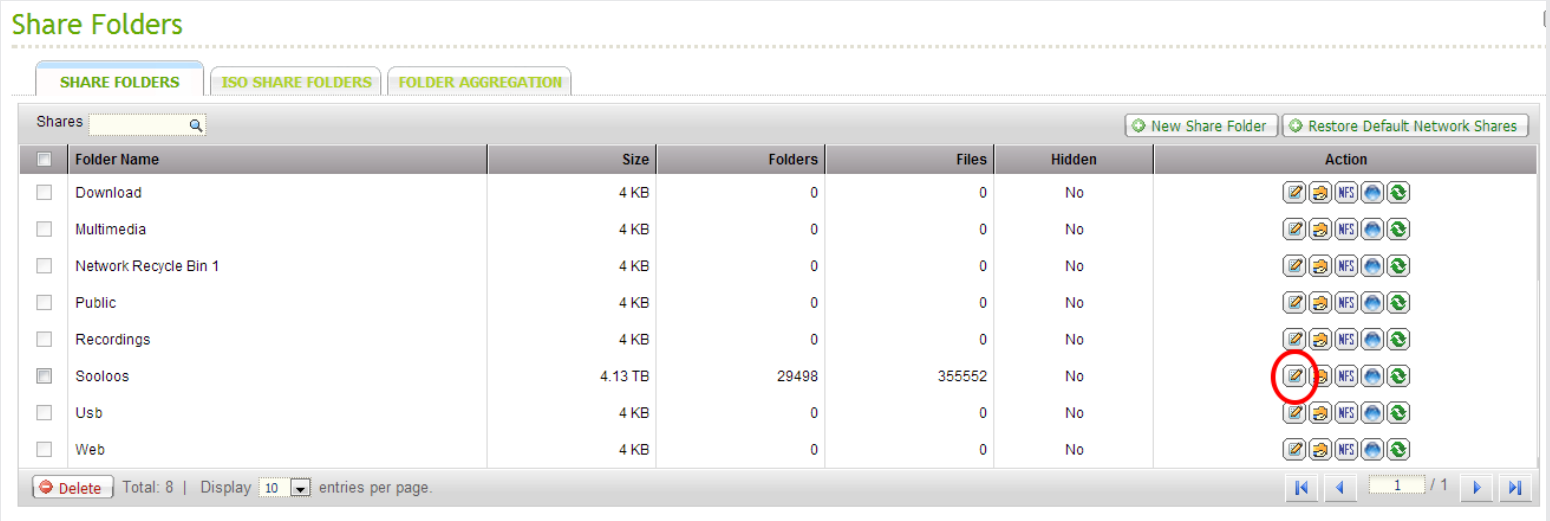

Create A Shared Folder
Privilege
You can select one of the following methods to configure the user access right to the network shared folder:
Full access (Grant full access right for everyone)
By User
By User Group
Only the system administrator (admin) has full access. General users have Read Only access.
Guest access right:
Deny Access
Read only
Read/Write
Step 3 / 7
BACK
NEXT
CANCEL

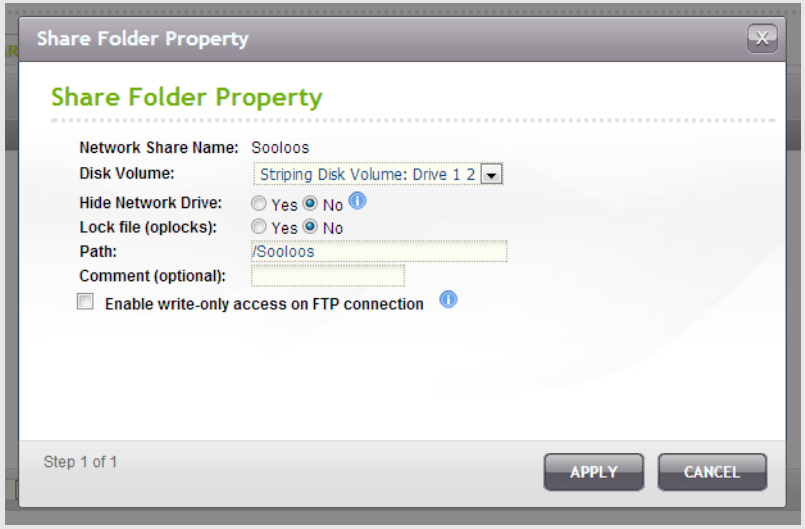

Create A Shared Folder
Access Control (By User)
Total: 1
1 / 1
Username
Preview
RO
RW
Deny
admin
Read/Write
Note: 1. The permission settings of user and group will effect the result of "preview"
2. The privilege priority is Deny Access (Deny) > Read/Write (RW) > Read Only (RO)
Step 4 / 7
BACK
NEXT
CANCEL


Create A Shared Folder
Setup complete
The new shared folder has been created successfully.
Click FINISH to exit.
Step 7 / 7
FINISH

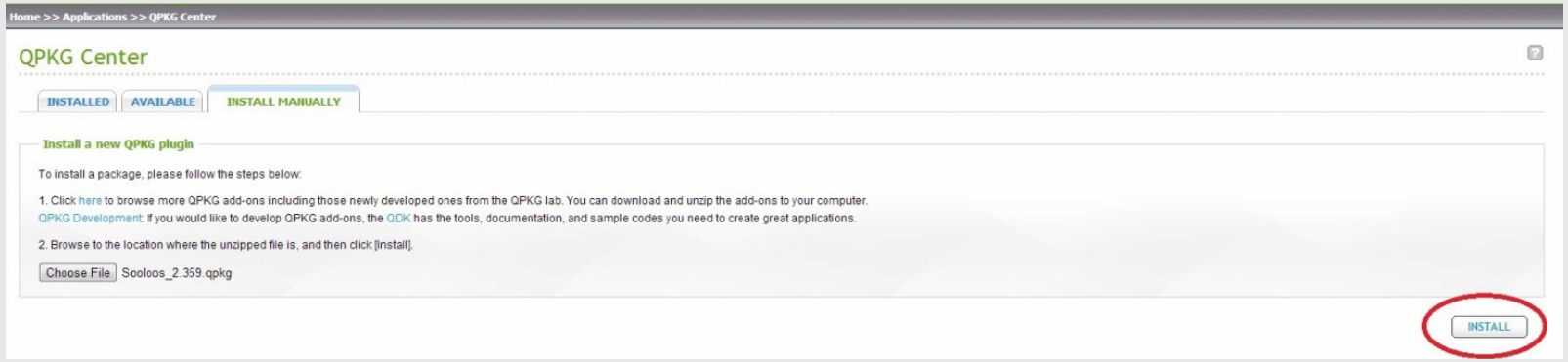

Create A Shared Folder
Confirm Settings
Folder Name: Sooloos
Hidden Folder: No
Lock File (Oplocks): No
Path: Mirroring Disk Volume: Drive 1 2 /Sooloos
Description:
Access right: By User
Access User/User group: admin
Step 6 / 7
BACK
NEXT
CANCEL

- To confirm the properties of the Sooloos network share, select the Poperties icon.

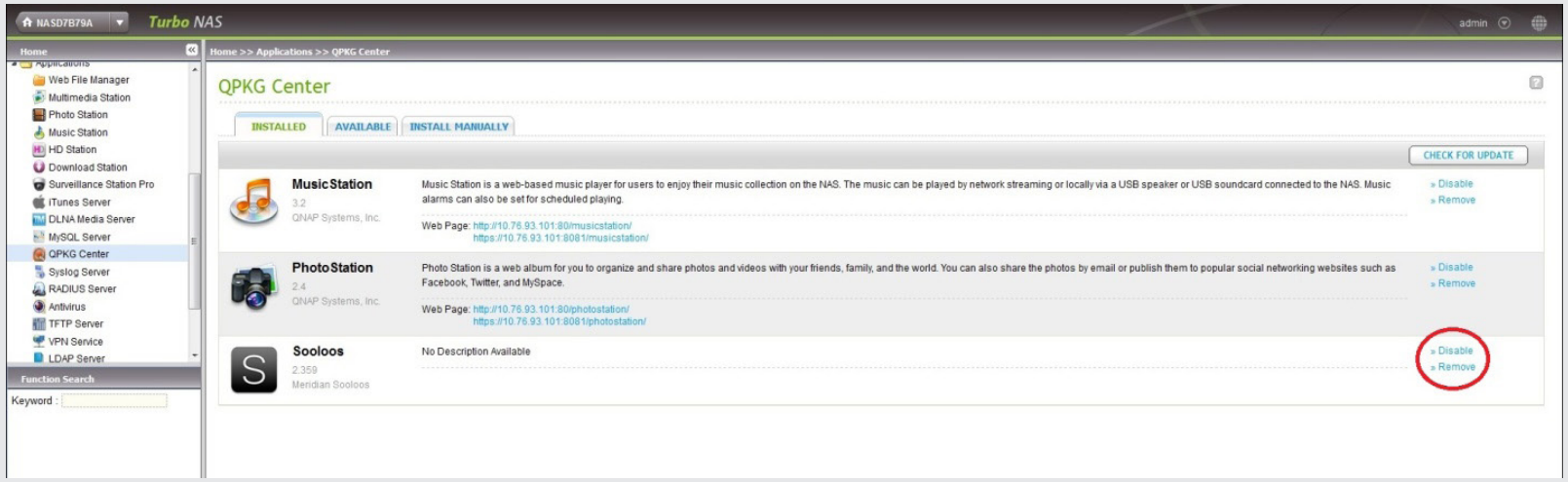




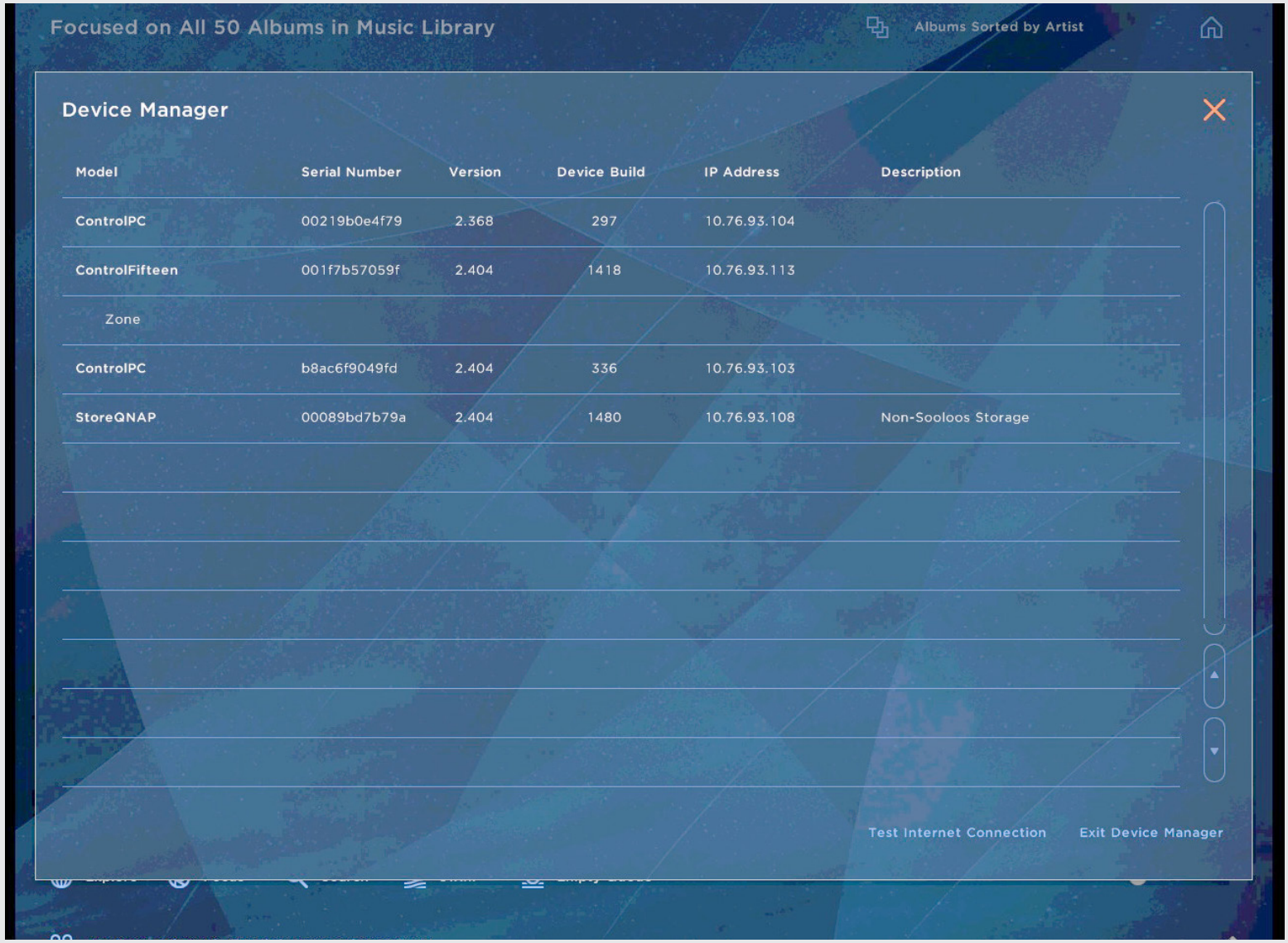
- Navigate to **Applications** >> **QPKG Center**
- Click on the **Install Manually** tab and browse to the (unzipped) QPKG software provided by Meridian, then click **Install**:


Home >> Applications >> QPKG Center
QPKG Center
INSTALLED
AVAILABLE
INSTALL MANUALLY
Install a new QPKG plugin
To install a package, please follow the steps below:
1. Click here to browse more QPKG add-ons including those newly developed ones from the QPKG lab. You can download and unzip the add-ons to your computer.
QPKG Development: If you would like to develop QPKG add-ons, the QDK has the tools, documentation, and sample codes you need to create great applications.
2. Browse to the location where the unzipped file is, and then click [Install].
Choose File
Sooloos_2.359.qpkg
INSTALL

- Go back to the **Installed** tab and enable the Meridian software (this creates the required subfolders within the shared folder that was created earlier):



- The QNAP device will now be visible to the Meridian streaming system and appear as “storeQNAP” with a description of “Non Sooloos Storage”



Installation is now complete.